

WHAT IS CLAIMED IS:

1. A recording medium having a data structure for managing reproduction of still pictures, comprising:

a playlist area storing at least one playlist, the playlist including at least one playitem and at least one sub-playitem, the playitem providing navigation information for reproducing at least one still picture from a first file, the sub-playitem providing navigation information for reproducing audio data from a second file.

2. The recording medium of claim 1, further comprising:

a data area storing the first and second files.

3. The recording medium of claim 1, wherein

the playitem provides navigation information for reproducing presentation data from the first file, the presentation data includes at least the still picture and related data associated with the still picture.

4. The recording medium of claim 3, wherein the related data includes graphics data.

5. The recording medium of claim 3, wherein the related data includes subtitle data.

6. The recording medium of claim 3, wherein the presentation data is divided into one or more still picture units such that each still picture unit includes at least one still picture and associated related data.

7. The recording medium of claim 6, wherein the presentation data is multiplexed into a transport stream on a still picture unit by still picture unit basis.

8. The recording medium of claim 7, wherein each elementary stream of the presentation data are aligned within the still picture unit.

9. The recording medium of claim 8, wherein each elementary stream is a packetized elementary stream.

10. The recording medium of claim 9, wherein each still picture unit includes one packet from each packetized elementary stream.

11. The recording medium of claim 1, further comprising:

a data area storing the first file, and the first file does not include audio data.

12. A recording medium having a data structure for managing reproduction of

still pictures, comprising:

a playlist area storing at least one playlist file, the playlist file including at least one playitem and at least one sub-playitem, the playitem providing navigation information for reproducing at least one still picture from a first data stream, the sub-playitem providing navigation information for reproducing an audio stream from a second data stream separate from the first data stream.

13. The recording medium of claim 12, wherein the first data stream is a transport stream.

14. The recording medium of claim 13, wherein the transport stream include packetized elementary streams of the still picture and related data.

15. A method of recording a data structure for managing reproduction of at least one still image on a recording medium, comprising:

recording at least one playlist on the recording medium, the playlist including at least one playitem and at least one sub-playitem, the playitem providing navigation information for reproducing at least one still picture from a first file, the sub-playitem providing navigation information for reproducing audio data from a second file.

16. A method of reproducing a data structure for managing reproduction of at

least one still image recorded on a recording medium, comprising:

reproducing at least one playlist from the recording medium, the playlist including at least one playitem and at least one sub-playitem, the playitem providing navigation information for reproducing at least one still picture from a first file, the sub-playitem providing navigation information for reproducing audio data from a second file.

17. An apparatus for recording a data structure for managing reproduction of at least one still image on a recording medium, comprising:

a driver for driving an optical recording device to record data on the recording medium;

a controller for controlling the driver to record at least one playlist on the recording medium, the playlist including at least one playitem and at least one sub-playitem, the playitem providing navigation information for reproducing at least one still picture from a first file, the sub-playitem providing navigation information for reproducing audio data from a second file.

18. An apparatus for reproducing a data structure for managing reproduction of at least one still image recorded on a recording medium, comprising:

a driver for driving an optical reproducing device to reproduce data recorded on the recording medium;

a controller for controlling the driver to reproduce at least one playlist from the recording medium, the playlist including at least one playitem and at least

one sub-playitem, the playitem providing navigation information for reproducing at least one still picture from a first file, the sub-playitem providing navigation information for reproducing audio data from a second file.